रजिस्ट्री सं. डी एल—33001/2000 REGISTERED No. DL—33001/2000

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 36] नई दिल्ली, शनिवार, सितम्बर 2, 2000 (भाद्रपद 11, 1922)
No. 36] NEW DELHI, SATURDAY, SEPTEMBER 2, 2000 (BHADRAPADA 11, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 2nd September 2000

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Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
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पेटेन्ट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चैन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित है .—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता-"पेटोफिस"

फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011576 6204

पेटेन्ट कार्यालय शाखा,
ब्लाक सी (सी-4, ए),
तीसरा तल, राजाजी भवन, बसन्त नगर,
चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

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फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय)
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भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोइ फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अब स्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-700 020

The dated shown in the crecent bracked are the dated claimed under section 135, under Patent Act, 1970

20-6-2000

354/Cal/2000. Texaco Development Corporation. An improved method for the production of Methoanol. (Convention No. 08/378,831 filed on 28-1-95 in U.S.A. Divided out of No. 1533/Cal/95 Antedate 28-01-95).

355/Cal/2000. Indian Institute of Technology. Development of Nano-Intermetallic dispersed Al-Matrix composites from the Al-Cu-X ternary metastable precursors.

21-6-2000

356/Cal/2000. Dalmia Institute of Scientific and Industrial Research. A process for the manufacture of refractory bricks and shapes.

357/Cal//2000. Dalmia Institute of Scientific and Industrial Research. A novel coin holder-cum-dispenser.

358/Cal/2000. Mitsubishi Materials Corporation. Wear-resistent synchronizer ring for automatic transmission made of improved wear-resistant copper alloy. (Divided out of No. 1313/Cal/95 antedated to 26-10-1995).

22-6-2000

359/Cal/2000. Johnson & Johnson Consumer Companies, Inc. Foaming oil gel compositions. (Convention No. 060/140.605 filed on 23-6-99 in U.S.A.).

23-6-2000

360/Cal/2000. Tomen Agro, Inc. A process for producing lowmoisture content insecticidally active phosphoroamidothioate pellets. (Convention No. 60/033,572 filed on 19-12-1996 in U.S.A. and 60//039.504 filed on 4-3-97 in U.S.A. and 08/992,714 filed on 17-12-97 in U.S.A.). Divided out of No. 2408/Cal/97 ante-dated 19-12-97.

26-6-2000

361/Cal/2000. Ashok Kumar Mitra, Sudipta Mitra and Pratim Chowdhary. Process for mineral water.

362/Cal/2000. Vertex Pharmaceuticals Incorporated. Method for preparing compounds possessing neuronal activity. (Convention No. 08/920.838 filed on 29-8-97 and 09/085.441 filed on 27-5-1998 both in U.S.A.) Divided out of No. 1547/Cal/98 dated 28-8-98.

363/Cal/2000. Rong-Jen Wu. Multiple combustion chamber tensile conpression mechanism single-cycle rotary internal combustion engine.

27-6-2000

364/Cal/2000. Ceramicas Diago, S.A. Lightened ribbed support for pavement. (Convention No. 200000552 filed on 2-3-2000 in Spain).

365/Cal/2000.—Erowa Ag. An apparatus for clamping a work piece. (Convention No. 1999 1293/99 on 14-7-1999 in Switzerland).

366/Cal/2000. AVC Industrial Corp. Cable fastner.

367/Cal/2000. Hewlett-Packard Company. Redundant input signal path for an inkjet print head.

28-6-2000

368/Cal/2000. Erowa Ag. An apparatus for clamping a work piece. (Convention No. 1999 1293/99 on 14-7-99 in Switzerland).

369/Cal/2000. Technological Resources Pty. Ltd. Start-up procedure for direct smelting process. (Convention No. PQ 1522 on 9-7-1999 in Australia).

29-6-2000

370/Cal/2000. Thomson Multimedia. System and method for control of the user interface of an item of mass market electronic apparatus. (Convention No. 9908909 on 9-7-99 in France).

3-7-2000

371/Cal/2000. Mcneil-PPc., Inc. Bunching resistant absorbent article. (Convention No. 09/348956 on 7-7-99 in U.S.A.).

372/Cal/2000. Deutsche Thomson-Brandt GmbH. Switched-mode power supply. (Convention No. 19932711.4 on 16-7-99 in Germany).

373/Cal/2000. Matsushita Electric Industrial Co. Ltd. Communication terminal apparatus and base station apparatus (Convention No.(s) 11-190050 filed on 5-7-99, 11-331391 filed on 22-11-99, 2000-068426 filed on 13-3-2000. in Japan).

4-7-2000

374/Cal/2000. American Cynamid Company. Process for the preparation of fungicidal 2-methoxybenzophenones. (Convention No.(s) 08/914,966 filed on 20-8-97, 08/953,048 filed on 17-10-97, 09/10388/ filed on 24-6-98 all are in U.S.A.). (Divided out of No. 1473/Cal/98 ante-dated to 19-8-98).

375/Cal/2000. American Cynamid Company. Process for preparing termite free soil. (Convention No. 08/908,760 on 8-8-97 in U.S.A.) (Divided out of No. 1416/Cal/98 ante-dated to 7-8-98).

376/Cal/2000. Johnson & Johnson Vision Care Inc. UV radiation system having materials for selectively attenuating radiation. (Convention No.(s) 60/143,607 filed on 13-7-99 and 09/515,190 filed on 29-2-2000 both are filed in U.S.A.).

ALTERATION OF DATE UNDERSECTION-16

184525 Ante dated to 14th December, 1990. (1154/Cal/95)

184527 Ante dated to 09th December, 1993. (1623/Cal/97)

184529 Ante dated to 02nd February, 1996. (18/Cal/96).

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर आवेदन हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम-36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाइल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपए प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपए प्रति पृष्ठ सहित 30 रुपए की अदायगी पर की जा सकती है।

Ind. Cl. : 66 B [LX III]. 184511

Int. Cl. : F 21 L—11/00.

A TORCH.

Applicants : MINTAGE CONSULTANTS PVT. LTD., A-32 NAND BHUVAN INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI-400 093, MAHARASHTRA, INDIA.

Inventor : PANSE VIKAS BHIMASHANKAR.

Application No. : 377/Bom/95 filed on 31-8-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

4 Claims

A torch having a compartment for housing a cell;

a first set terminals (18) for drawing power from the cell for a light bulb;

a second set terminal (20) for drawing power externally from the cell; and

a switch manually displaceable to energise or deenergise the said bulb.

(Compl. Specn. : 4 pages; Drgn. : 1 sheet)

Ind. Cl. : 80 [VI]. 184512

Int. Cl. : B 01 D—27/06.

AN IMPROVED FLUID FILTER.

Applicants : FILTERWERK MANN + HUMMEL GMBH OF HINDENBURGSTR 37—45, POSTFACH 409 7163! LUDWIGSBURG GERMANY, GERMAN COMPANY.

Inventors :

1. HANS ERDMANNSDORFER
2. HELMUT STORZ

Application No. : 429/Bom/95 filed on 4-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

5 Claims

An improved fluid filter comprising an housing (15) having a concentric base (14) to mount therein an Zig Zag shaped folded filter element (11); said filter element (11) covered with a pipe shaped sleeve made up of flexible filter cloth or fleece or paper partly or fully;

an inlet to said filter leading the dirty fluid to said filter element and outlet for pure fluid at the centre of the said housing commoned in a drain bore with service valve with "o" ring separating said inlet and outlet normally and said dirty fluid and pure fluid drainable out by pulling up said service valve during filter insert change over.

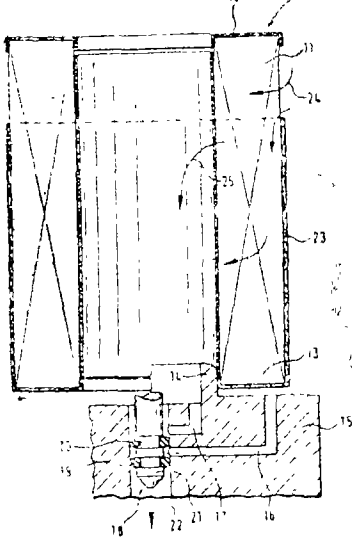


Fig 1

(Compl. Specn. : 11 pages; Drgns. : 4 sheets)

Ind. Cl. : 39 L III. 184513

Int. Cl. : C 01 F—7/02.

A PROCESS TO MANUFACTURE NOSTRANDITE (NORDSTRANDITE) I. E. ALUMINIUM HYDROXIDE OF THE CHEMICAL FORMULA Al (OH)$_3$ OF HIGH PURITY IN HIGH YIELD FROM ALUMINIUM ALKOXIDE.

Applicants : INDIAN INSTITUTE OF TECHNOLOGY, POWAI, MUMBAI-400 076, MAHARASHTRA, INDIA, AN INDIAN INSTITUTE OF TECHNICAL EDUCATION AND MANOJ MADHUKAR HARIDAS AND JAYESH RAMESH BELLARE, BOTH INDIAN CITIZENS AND OF DEPARTMENT OF CHEMICAL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY.

Inventors :

1. MANOJ MADHUKAR HARIDAS
2. JAYESH RAMESH BELLARE

Application No. : 488/Bom/95 filed on 20-11-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

4 Claims

A process to manufacture nostrandite (Nordstrandite) i.e. aluminium hydroxide of the chemical formula Al(OH)$_3$ of high purity in high yield from aluminium alkoxide which comprises chelating the aluminium secondary alkoxide with ethylacetoacetate in the presence of isopropyl alcohol in the ratio 1 : 1 to 3 followed by hydrolysis of the chelated aluminium alkoxide with distilled water at the controlled rate of 0.1 to 0.4 ml/hr/g at 25 to 70°C under intense agitation and dispersing the resulting gel in distilled water under intense agitation followed by drying of the precipitate.

(Compl. Specn. : 8 pages; Drgn. : nil sheet)

Ind. Cl. : 189 [LXVI (9)]. 184514

Int Cl. : A 47 K 7/100.

A TONGUE CLEANER.

Applicants : RAJINDER SYAL, U.S. NATIONAL, OF C/O. T. S. SACHDEV, 2, DADI MANSION, CINEMA LANE, BOMBAY-400 020, MAHARASHTRA, INDIA.

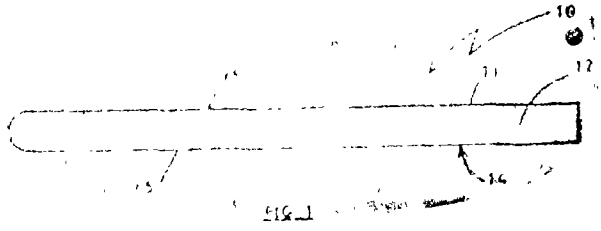
Inventors : —IDEM—

Application No. : 539/Bom/95 filed on 21-12-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

A tongue cleaner comprising a planner elongate synthetic polymeric element having at least one curved surface, the other surface also curved or being planer and blunted edges at least along the length of the elogate element.



(Compl. Specn. : 8 pages; Drgn. : 1 sheet)

Ind. Cl. : 40 B. 184515

Int. Cl. : B 01 J 29/06.

A PROCESS FOR THE PREPARATION OF CATALYST FOR USE IN MANUFACTURE OF PARAXYLENE.

Applicant : INDIAN PETROCHEMICALS CORPORATION LIMITED, P.O. PETROCHEMICALS, DISTRICT VADODARA-391 346, GUJARAT, INDIA.

Inventors :

1. JAGANNATH DAS
2. YAJNAVALKYA SUBKAY BHAT
3. ANAND BHIMRAO HALGERI

Application No. 540/Bom/95 filed on 21-12-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

19 Claims

A process for the preparation of a catalyst for use in manufacture of paraxylene, which comprises forming an aqueous gel of a compound of aluminium, an alkali or alkaline earth metal salt, alkylammonium cation and a compound of silicon, subjecting said gel to a temperature of 16 to 176°C and the pressure equal to at least water vapour pressure at the temperature, separating the crystalline zeolite so produced from the mother liquor and modifying it by incorporating therein, an oxide of zinc and controlling the pore size thereof in a manner such as herein described.

(Compl. Specn. : 21 pages; Drgn : nil sheet)

Ind. Cl. : 32 F2 (b) 184516

Int. Cl. : CO 7 D 501/04

PROCESS FOR THE STREOSPECIFIC SYNTHESIS OF KETO-ENOL TAUTOMERIC MIXTURE OF P-NITROBENZYL (1R, 6R, 7R)-7-PHENOXY-ACETAMIDO-3-OXO-3-CEPHAM-4- (R/S)-CARBOXYLATE-1-OXIDE AND P-NITROBENZYL (1R, 6R, 7R)-7 PHENOXYACETAMIDO-3-HYDROXY-3-CEPHEM-4-CARBOXYLATE-1-OXIDE.

Applicants : LUPIN LABORATORIES LTD. 159, C.S.T. ROAD, KALINA, SANTACRUZ (EAST), MUMBAI, MAHARASHTRA, INDIA.

Inventors :

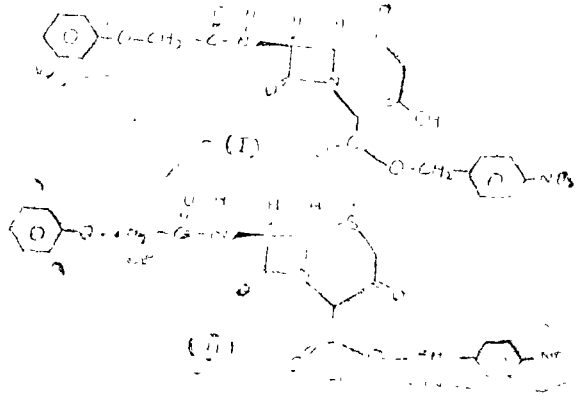
1. NIRANJAN LAL GUPTA.
2. RAMANATHAN SANKARAN
3. SUGATA CHATERJEE.
4. TUMMA HARI KRISHNA.

Application No. 39/Bom/1996 filed on Jan. 19, 1996.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

A process for the stereospecific synthesis of p-nitrobenzyl (1R, 6R, 7R)-7-phenoxyacetamido-3-hyroxy-3-cephem-4-carboxylate-1-oxide having formula I and its tautomer, p-nitrobenxyl (1R, 6R, 7R)-7-phenoxyacetamido-3-oxo-3-cepham-4-carboxylate-1-oxide of the formula II.



comprising reaction of p-nitrobenzyl 7-phenoxyacetamido13-exomethylene-cephem-4-carboxylate with ozone in an inert orgnic solvent of the kind such as hereinbefore described in the presence of a protic solvent such as herein described at a temperature ranging from -40 C to about -90 C without the aid of a reducing agent for the decomposition of the intermedidate ozonide.

Compl. Specn. 51 Pages; Drgns. 9 Sheets.

Ind. Cl. : 141 F. 184517

Int.Cl.: C 22 B 34/14; C 01 G 25/02.

PROCESS FOR EXTRACTION OF HIGH PURITY ZIRCONIA (Z- r02) POWDER BY SULPHATE ROUTE FROM ZIRCON SAND ($ZrSi0_4$).

Applicant : THE ASSOCIATED CEMENT COMPANIES LTD., "CEMENT HOUSE" 121, MAHARSHI KARVE ROAD, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :

1. SUBIR BHATTACHARJEE
2. SHIVANAND AMBIKACHARAN BORKAR
3. CHANDRAKANT HANMANT PAGE
4. ANJAN KUMAR CHATTERJEE

Application No. : 175/Bom/96 filed on March 29, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013

11 Claims

Process for extraction of over 99.20% high purity Zirconia (ZrO_2 powder free of any metallic or water soluble impurities being obtained from Zircon sand ($ZrSiO_4$) by sulphate route comprising steps of blending pre-ground $ZrSiO_4$ sand to 300 mesh with hereinstated alkali in the ratio of 1.0 : 0.5—2.5 and fusing said blend in a clay or zircon lined container/kiln at temp. 1100 deg. C. and washing said fused mass with water to dissolve water soluble alkali silicate and filtering; treating said filtrate with 50% concentrate of mineral acid by volume under stirring condition at tem. varying from 40—90 deg C. and followed by admixing thereto herein stated non-ionic organic additives 2.0 Wt % on solid basis and allowing said slurry to settle down for 24 hrs. to coagulate colloida silica; filtering said settled down slurry to recover therefrom zirconium salt solution; diluting said filtrate with demineralized water in a precipitation tank while maintaning concentration of zironium salt between 0.1—1.0 M and adding to said mass herein stated sulphate containing reagent (0.10—1.0 mole of sulphate per mole of zirconium) while still under continuous stirring at temp. < 90 deg. C. and maintaining its pH at around 0.1—1.5 with alkali (if required) for precipitation of zirconium species as zirconium sulphate; filtering and repeatedly washing said precipitate with demineralized water for removing therefrom all soluble impurities such as iron, chloride, alkali and the like while maintaining therein minimum moisture level of < 5 % by oven drying at temp. < 150 deg. C. for < 18 hrs. prior to calcination at temp. < 1200 deg. C. for < 6 hrs. while keeping the heating the between 1—10 deg. C. per minute with multiple intermediate soaking according to the thermal deomositional behaviour of the precipitate to obtain calcined single phase zirconia powder and converting said powder into aqueous slurry RSA by addition of 20—80% water and wet grinding for < 20 hrs. with or without known grinding aids; said ground zirconia powder being either oven dried at temp.

< 150 deg. C. or sprary dried at temp. < 250 deg. C. to obtain zirconia (ZrO_2) powder having high zirconium purity having following product analysis :

RSA	ZrO_2	>99.20% —	99.40% min.
	SiO_2	<0.05% —	0.005% max.
	Fe_2O_3	<0.05% —	0.005% max.
	Na_2O	<0.03% —	0.01% max.
	Al_2O_3	<0.01% —	0.01% max.
	TiO_2	<0.60% —	0.40% max.
	CaO	<0.02% —	0.01% max.

Average powder particle size 0.3-0.9 microa crystal structure .. ..monoclinic

(Compl. Specn. : 23 pages; Drgn. : nil sheet)

Ind. Cl. : 55 E_2, Gr. [XIX(1)]. 184518

Int. Cl. : A 61 K—9/70.

A PROCESS OF MANUFACTURING AN ANTI- DEPRESSANT BASED TRANSDERMAL DRUG DELIVERY SYSTEM.

Applicants : HYDERABAD (SIND) NATIONAL COLLEGIATE BOARD, C/O. K. C. COLLEGE, 124, DINSHAW VACHHA ROAD, MUMBAI-400 020, MAHARASHTRA, INDIA, AN INDIAN BOARD REGISTERED UNDER PUBLIC TRUST ACT AND SOCIETIES REGIS TRATION ACT.

Inventors :

1. DR. JOGINDER KISHINCHAND LALLA
2. SHAHIN HASHEMI FESHARAKI.

Patent Application No. : 313/Bom/97 filed on 20-5-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

10 Claims

The process of manufacturing an antidepressant based transdermal drug delivery system comprising the following steps of :—

(i) preparing an aqueous solution with cosolvent as water and them mixing the antidepressant drug to form the drug solution;

(ii) said drug solution being mixed with coploymers and additives in a controlled fashion for the development of a flexible polymer layer in which the therapeutically active drug is embedded;

(iii) said resultant polymer solution is coated and dried onto a backing substrate.

(iv) preparing a drug/adhesive mixture in a suitable solvent;

(v) said resultant drug/adhesive mixture is coated and dried onto the polymer layer coating;

(vi) subjecting said drug/polymer-drug/adhesive mixture coating to the lamination process alongwith a release liner;

(vii) subjecting the laminate prepared above to system cutting to form a patch to deliver the active drug in a controller fashion

(Compl. Specn. 44 pages; Drgns. : 5 sheets)

Ind. Cl. : 55E_2 [XIX (1)] 184519

Int. Cl. : A 61 K 9/70

A PROCESS OF MANUFACTURING A TRANSDERMAL DRUG DELIVERY SYSTEM FOR USE IN SMOKING CESSATION.

Applicants : HYDERABAD (SIND) NATIONAL COLLEGIATE BOARD, C/O. K. C. COLLEGE, 124, DINSHAW VACHHA ROAD, MUMBAI-400 020, MAHARASHTRA, INDIA, A BOARD REGISTERED UNDER PUBLIC TRUST ACT AND SOCIETIES REGISTRATION ACT.

Inventors :

(1) DR. JOGENDER KISHINCHAND LALLA.
(2) SHAHIN HASHMEI FESHARAKI.

Application No. 314/Bom/97 filed on 20-5-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

14 Claims

A process of manufacturing a transdermal drug delivery system for use in smoking cessation comprising the following steps :—

(i) selecting a system of transdermal permeation of therapeutic delivery unit for delivery of drug viz., nicotine alkaloids;

(ii) subjecting the particular grade of tobacco selected to the extraction process using the method of solvent system;

(iii) subjecting a portion of the extract to the process of mixing with the contract adhesive to form a drug/adhesive mixture;

(iv) said drug/adhesive mixture being coated onto the rate controlling membrane;

(v) drying the product output of step (iv) above;

(vi) subjecting to the lamination process the contact drug/adhesive mixture preparedd above along with release liner and control membrane;

(vii) subjecting laminate prepared above to heat sealing with the backing membrane leaving there a small gap for the injection of the aqueous extract;

(viii) the resultant product output at step (vii) is cut in the form of patches of appropriate sizes having required surface area;

(ix) a known volume of the aqueous extract in the appropriate vehicle for corresponding to a particular concentration of said nicotine alkaloids is injected into the said small gap in the patch;

(x) the resultant patch at step (ix) is further sealed to obtain the final transdermal drug delivery system, expected to release nicotine alkaloids in a controlled fashion over a predetermined period of time.

Compl. Specn. 55 Pages; Drgns. 4 Sheets.

Ind. Cl. : 92 E [I (3)] 184520

Int. Cl. : A 2/D 2/00

A PROCESS FOR PRODUCING WHOLE MEAL FLOUR FOR MAKING CHAPATI.

Applicants : HINDUSTAN LEVER LIMITED 165-166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :

1. RAJALE GOPINATH BABASHAEB.
2. KAPUR GUNENDER.
3. DHAWAN VISHAL.
4. MOHANAN CHANDRIKA.
5. RAMANA ANCHA VENKATA.

Application No. 373/Bom/97 filed on 23-6-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

15 Claims

A process for producing whole meal flour for making chapati of improved quality and character being a blend of flour obtained from unsprouted/ungerminated wheat and upto 5% by wt. of flour obtained from sprouted/germinated wheat germinated for a period 12-48 hours following at least one of the following procedures :

(i) blending unsprouted/ungerminated wheat and upto 5% by wt. of sprouted/germinated wheat and producing therefrom the said whole meal flour;

(ii) obtaining flour from sprouted/germinated wheat and flour from unsprouted/ungerminated wheat and thereafter blending said flours thus obtained to produce said whole meal flour containing up to 5% by wt. of said flour obtained from sprouted/germinated wheat, wherein said sprouted/germinated wheat is obtained following the process of germination comprising :

soaking the wheat seeds in water to thereby imbibe water in the seeds, spreading the soaked and rinsed seeds for germination;

subjecting the seeds to germination for 12-48 hours; and

subjecting the thus germinated seeds to drying in the temperature range of 40-50°C to a moisture level of 10-11%.

Compl. Specn. 18 Pages; Drgns. Nil.

Ind. Cl. : 172 C2 184521

Int. Cl.[4] : D 01 G 19/10, 19/02 15/88

A NEEDLE FOR MOUNTING ON A SUPPORT ROD FOR USE WITH A TEXTILE COMBING MACHINE.

Applicant : STAEDTLER & UHL, OF NORDLICHE RINGSTRASSE 12, D-91126 SCHWABACH, FEDERAL REPUBLIC OF GERMANY.

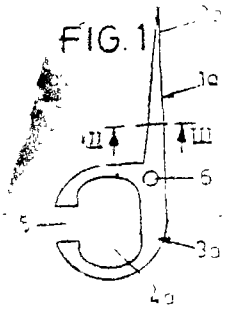
Inventor : JOSEF EGERER.

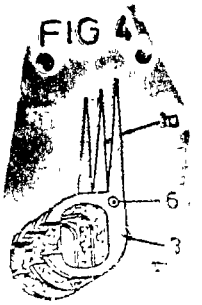
Application No. 693/Cal/95 filed on 16-6-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

A needle for mounting on a support rod for use with textile combing machine, the needle (1a, 1b, 1c, 1e) comprising a fastening area (3a, 3b, 3d, 3e) at its foot and above this an actively combing tip area (2a, 2b, 2c, 2e), the needle being a stamped element and the fastening area having a wall structure with at least one opening or a first recess (4a, 4b) defined therein for said needle to be slipped on said support rod (10), said first recess being non-circular or having projections (8b, 8c, 8d, 8e) or indents corresponding to the cross-section of said support rod such that a plurality of said needles are disposed non-rotatably on said support rod, characterized in that, said tip area is distinctly higher than said fastening area, said fastening area being made approximately oval in cross-sectional shape by stamping.





Compl. Specn. 12 Pages; Drgns. 2 Sheets.

Ind. Cl. : 49 A 184522

Int. Cl.[4] : A 21D 2/40, 8/02

AN IMPROVED APPARATUS FOR PRECOOKING WHEAT FLOUR DOUGH.

Applicant : VILLAMEX S. A. DE C. V LAZARO CARDENAS 2089 COL LAS TORRES, C. P 449020, GUADALAJARA, JALISCO, MEXICO.

Inventor : MANUAL VILLAGOMEZ RODRIGUES.

Application No. 832/Cal/95 filed on 20-7-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

An improved apparatus precooking dough made of wheat flour or wheat processed flour, essentially comprises two plates which flatten said dough, said plates having electrical resistances, it further comprises a rectangular frame with a plurality of removable covers on each and every one of the sides thereof including the base and a top cover having a central opening along the same, on the edges of which a pair of straight rails are located over which a travelling plate slides between the two extremes of the opening, a reciprocating plate located at an equal distance between said extremes which being raised and lowered over the said travelling plate, both plates being driven in a synchronized manner by means of an electromechanical unit placed within the interior of said apparatus in such a manner that after the ball of dough of wheat flour is placed on the travelling plate when located at one end of the apparatus this plate upon being moved toward the opposite end is placed underneath the reciprocating plate which flattens the ball of dough giving a circular shape to the same and during this interval another ball of dough is placed on the other end of the travelling plate which upon returning to the initial point of departure arries the proecooked circular dough for withdrawal from the apparatus, while the other ball of dough is being flattened by the reciprocating plate, this sequence being continued indefinitely until the apparatus is stopped.

Compl. Specn. 13 Pages; Drgns. 5 Sheets.

Ind. Cl. : 175 H 184523

Int. Cl.[4] : F 16J 15/18 F 01 D 11/00

AN OIL LEAKAGE RESTRAINING DEVICE FOR USE WITH A ROTARY PUMP FOR OILWELLS.

Applicant : EDWARD GRENKE. OF 86 COUNTRY CLUB ESTATES, 52328 HIGHWAY 21, SHERWOOD PARK, ALBERTA, CANADA, T 8B 1J9.

Inventor : EDWARD GRENKE.

Application No. 1107/Cal/95 filed on 14-9-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

An oil leakage restraining device for use with a rotary pump for oil wells, in which an elongate rod (10) rotatably supports the rotor of a down-hole pump, said device comprsing :

a stationary first member (60) defining a throughbore (62) for the rod (10), and a substantially cylindrical recess (66) coaxial with said bore (62), the cylindrical recess being defined by a cylindrical wall (68), the first member having an external wall (70);

a rotary second member (46) also defining a through-bore, the rod extending through the through-bore of the second member and rotating therewith, the second member having substantially cylindrical portion (80) received coaxially in said recess (66), the cylindrical portion being defined by an outer cylindrical surface (82) which has a smaller diameter than the recess so as to leave an annular space (84) between them, the annular space having an upstream end (86) where oil under pressure seeks to enter the space (84), and a downstream end (88) opposite the stream end;

a plurality of annular seal cartridges (66) stacked within said annular space (84), each cartridge having in axial section :

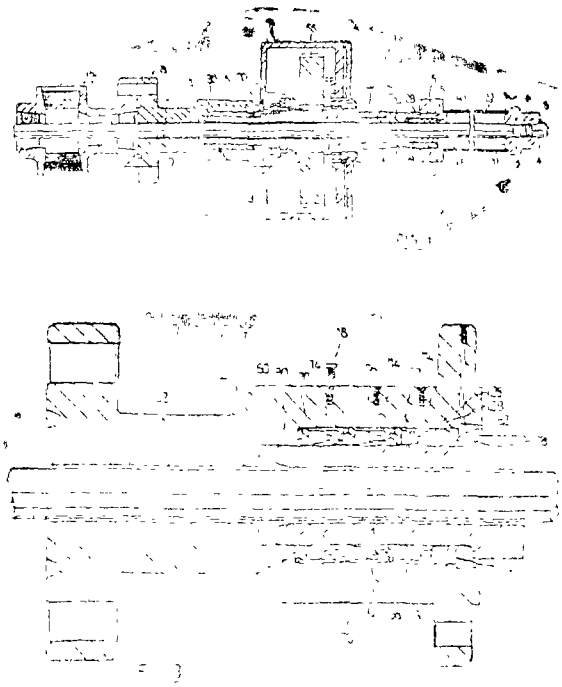
(a) a knife-edge corner (92) slidably contacting said cylindrical portion (80);

(b) a first open space (94) downstream of the knife-edge corner (92) and adjacent the cylindrical portion (80), and a second open space (96) adjacent the cylindrical wall (68), and

(c) passageway means (97) through which the two spaces (94, 96) are in communication;

for each seal cartridge (90) there is a leak passage (114) through the first member (60), the leak passage communicating the respective open spaces (94, 96) with said external wall (70); and

plug means (116) for closing at least one of the passages (114).



Compl. Specn. 20 Pages; Drgns. 4 Sheets.

Ind. Cl. : 206 K 184524

Int. Cl.[4] : G 06 F-13/10

AN ELECTRONIC CIRCUIT.

Applicant : IONICA INTERNATIONAL LIMITED. OF COWELY ROAD, CAMBRIDGE, CB4 4AS, UNITED KINGDOM.

Inventors :

1. DAVID JOHN SPREADBURY.
2. CLIVE RUSSELL IRVING.

Application No. 1004/Cal/95 filed on 24-8-1995.

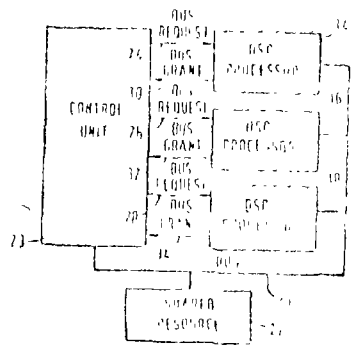
Convention No. 9418753.1 filed on 16-9-94 in U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

15 Claims

An electronic circuit comprising a plurality of processors (14, 16, 18), a common bus (20) to resource (22) for sharing by the precessors, and a control unit (23), said control unit being arranged to control the assignment of the bus to each processor and to assign the bus to itself by default, characterized in that the control unit is arranged to send a bus request signal (24, 26, 28) by default to each processor to cause each processor to send by default a corresponding bus grant signal (30, 32, 34) to the control unit.

FIG. 2(a)



Compl. Specn. 9 Pages; Drgns. 3 Sheets.

Ind. Cl. : 186 E 206 E. 184525

Int. Cl.[4] : H 04 N-5/76, 9/79.

AN AUDIO/VIDEO TRANSCEIVER SYSTEM.

Applicant : RICHARD A. LANG. OF 29209 N. 56TH STREET, CAVE CREEK, ARIZONA 85331, UNITED STATES OF AMERICA.

Inventor : RICHARD A. LANG.

Application No. 1154/Cal/95 filed on 25-9-95.

Divided out of No. 1031/Cal/90 ante-dated to 14-12-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

8 Claims

An audio/video transceiver system having at least one audio/video transceiver apparatus comprising :

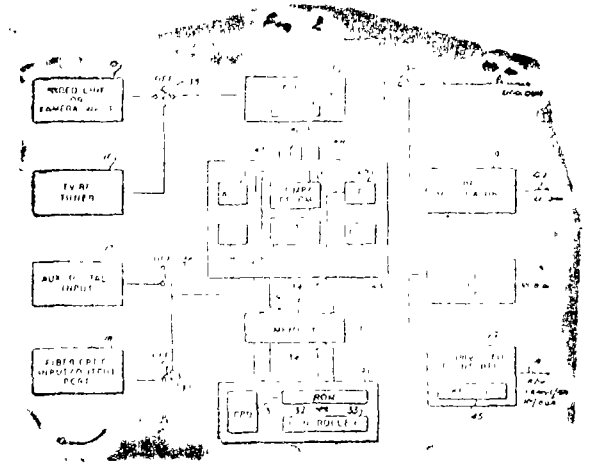
input means (18) for receiving audio/video source information, said input means comprising a fibre optic input port ;

audio/video recording unit (11) ;

video control unit (12) comprising compression means (26) coupled to said input means for compressing said audio/video source information into a compressed representation thereof having an associated burst time period that is shorter than a time period associated with a real time representation of said audio/video source information;

random access storage means (13) coupled to said input means through said compression means for storing the compressed representation of said audio/video source information received by said input means;

output means (18, 22) coupled to said random access storage means for receiving the compressed representation of said audio/video source information stored in said random access storage means for transmission away from said audio/video transceiver system.



Compl. Specn. 33 pages; Drgns. 2 sheets

Ind. Cl.: 194 d 184526

Int. Cl.[4]: H 01 K-3/20, H 01 J-61/36.

ELECTRIC LAMP.

Applicant: KONINKLIJKE PHILIPS ELECTRONICS N.V. OF GROENEWOUDSEWEG 1, 5631 BA EINDHOVEN. THE NETHERLANDS.

Inventor: HARIS GANDHI.

Application No. 1429/Cal/95 filed on 13-11-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

An electric lamp comprising

a lamp envelope (1),

a light source (8) within said lamp envelope,

a conductive lead (5) extending from said light source to the exterior of said envelope, and

a lamp cap (15) having an electrically insulative portion (17) and a contact (19), said lead being clamped between said contact and said electrically insulative portion, characterized in that:

said contact (19) comprises (i) a contact portion (21) for contacting a corresponding contact in a socket and (ii) a rigid shank (23) extending from said contact portion; and

said insulative portion (17) having a bore wall (27) defining a clamping bore (46) for receiving said shank, said bore being sized and said insulative portion (17) surrounding said clamping bore having an elasticity selected such that (i) said first conductive lead (5) is securely clamped between said shank (23) and said bore wall (27) when said shank is inserted into said clamping bore (46) with said contact portion (21) seated against said insulative portion (17) and (ii) said contact (19) is secured in said clamping bore solely by friction between said shank (23) and said bore wall (27), said shank and bore being free of any snap-type engagement.

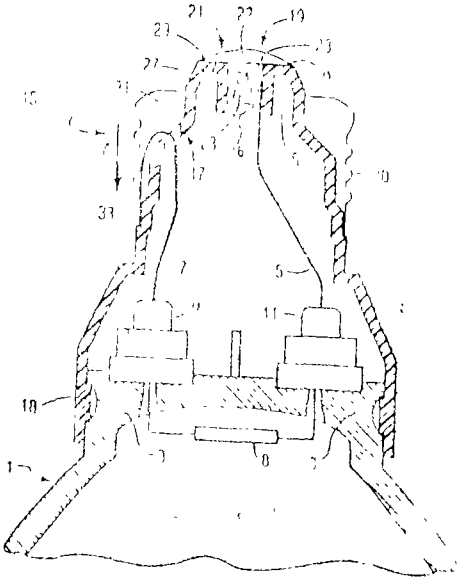


FIG. 1

Compl. Specn. 11 pages; Drgns. 4 sheets

Ind. Cl.: 94 I 184527

Int. Cl.[4]: C13 D 1/06.

A METHOD OF MAKING AN INSERTLESS PERFORATED MILL ROLL.

Applicant: IRVING CHUNG-CHI CHEN OF 12 A HONG KONG GARDEN, 8 SEYMOUR ROAD, HONG KONG.

Inventor: IRVING CHUNG-CHI CHEN.

Application No. 1623/Cal/97 filed on 03-9-97.

Divided out of No. 777/Cal/93 ante-dated to 9-12-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

48 Claims

A method of making an insertless perforated mill roll body (10) having a generally cylinderical outer periphery (70) and hollo bore (80) to be sleeved upon a rotatable shaft (90), said method comprising the steps of:

(a) forming a plurality of fluid channel string (20), each said fluid channel string comprising a hollow fluid channel wall member (32) having a fluid channel (30) defined therein and a plurality of fluid passage members (40) attached thereto, each of said fluid passage members containing at least one generally radially extending fluid passage (50) and each of said channel wall members containing a plurality of apertures (21) to allow communication between said fluid channel and said fluid passage;

(b) forming a roll body casting (60) by casting a castable material around said fluid channel strings (20) with said fluid passage members (40) disposed generally radially outwardly while leaving a central bore (80) for receiving said shaft, said roll body containing void spaces comprising

a plurality of said fluid channels (30) and a plurality of said fluid passages (50), each of said fluid channels having at least one opening at one axial end of said roll body; and

(c) removing a portion of said casting or a portion of said fluid passage member or both where said fluid passages are not already exposed on said outer periphery or to connect said fluid passages to said outer periphery of said roll body.

Compl. Specn. 39 pages; Drgns. 7 sheets

Ind. Cl.: 32 F 3 (d) 184721
Int. Cl.[4]: C 07 D 301/27.

A PROCESS FOR PRODUCING AN EPOXIDE.

Applicant: KANEKA CORPORATION OF 2-4, NAKANOSHIMA, 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 530, JAPAN.

Inventors:
1. AKIRA NISHIYAMA
2. TADASHI SUGAWA
3. HAJIME MANABE
4. KENJI INOUE
5. NORITAKA YOSHIDA.

Application No. 6/Cal/98 filed on 1-1-98.

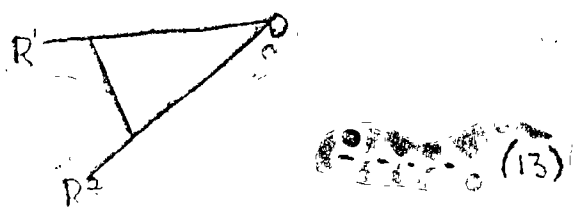
Convention No. 7-039266 on 3-2-95 in Japan.
and No. 7-273547 on 26-9-95 in Japan. .

Divided out of No. 187/Cal/96 Ante-dated 2-2-96.

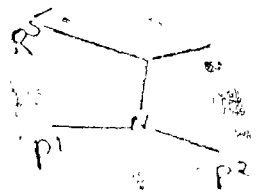
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

process for producing an epoxide of the general formula (13)

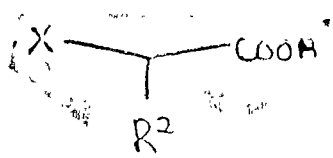


wherein R^1 represents each as substituted or unsubstituted, alkyl, aralkyl or aryl or optionally the following group,



wherein R^2 and R^5 independently represent hydrogen, alkyl, aralkyl, or aryl; p^1 and p^2 independently represent hydrogen or an amino-protecting group or, taken together, represent phthaloyl; which comprises,

(a) reacting an α- haloacetic acid of the general formula (2)



wherein R^2 is as defined above and X represents halogen, or an acceptable salt of the said α-haloacetic acid with a base, such as herein described in an organic solvent such as herein described at a temperature of from —70°C to 40°C for 10 minutes to 20 hours, to produce a metal enolate, the amount of said base being 2-6 molar equivalents based on the α-haloacetic acid in case that said acceptable salt is formed in situ or the amount of said base being 1-3 molar equivalents based on the α-haloacetic adic in case that said acceptable salt is formed beforehand;

(b) reacting said metal enolate produced in step (a) with a carboxylic acid derivative of general formula (1)

R^1CO_2A ....(1)

or an ester of the general formula (4)

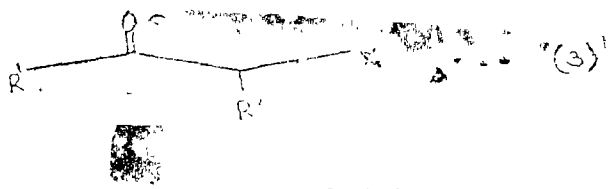
$R^1CO_2R^3$ ....(4)

wherein R^1 is as defined above

A represents alkoxyl, alkoxycarbonyl, a group which forms metal salt of carboxylic acid or halogen and

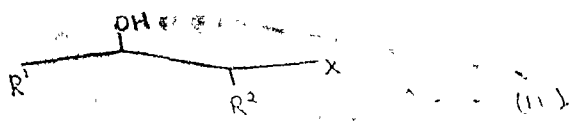
R^3 independently of R^1 represents substituted or unsubstituted, alkyl, aralkyl or aryl,

at a temperature of from —70°C to 40°C for 10 minutes to 20 hours with the proportion of said α-haloacetic acid or said acceptable salt thereof to said carboxylic acid derivative of formula (1) or said ester of formula (4) being 1-4 equivalents and letting the reaction product undergo decraboxylation in situ to produce an α-haloketone of the general formula (3),



wherein R^1, R^2 and X are as defined above;

(c) subjecting said α-haloketone produce in step (b) to reduction with a reducing agent, such as herein described in a solvent, such as herein described, at a temperature of from —10°C to 40°C for 10 to 120 minutes wherein the amount of said reducing agent being 1-10 molar equivalents based on α-haloketone, to produce an α-halohydrin of the general formula (11)



wherein R^1, R^2 and X are as defined above;

(d) treating the said α-halohydrin with a base such as herein described in a solvent such as herein described at a temperature of from —10°C to 80°C for 10 to 180 minutes wherein the amount of said base being 1-10 molar equivalents based on the α-halohydrin to produce epoxide of the general formula (13) as defined above

Compl. Specn. 42 Pages; Drgns. 18 Sheets.

Int. Cl.[6] : 32 F 3((d) 184529

Ind. Cl. : C 07 D 301/27

A PRCCESS FOR PRODUCING AN -HALOHYDRIN.

Applicant : KANEKA CORPORATION OF 2-4 NAKA-NOSHIMA, 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 530, JAPAN.

Inventors :
1. AKIRA NISHIYAMA
2. TADASHI SUGAWA
3. HAJIME MANABE
4. KENJI INOUE.
5. NORITAKA YOSHIDA.

Application No. 7/Cal/98 filed on 1-1-98.

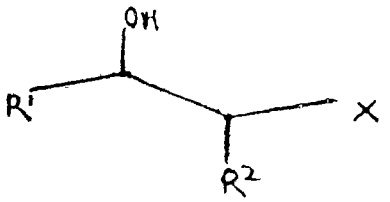
Convention No. 7-039266 filed on 3-2-95 in Japan and No. 7-273547 filed on 26-9-95 in Japan.

Divided out of No. 18/Cal/96 dated 2-2-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

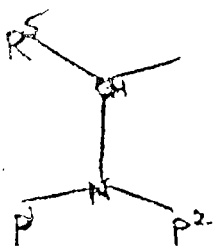
8 Claims

A process for producing a α-halohydrin of the general formula (11),



wherein,

R^1 represents substituted or unsubstituted alkyl, arakyl, aryl or optionally the group;



wherein, R^5 independantly represents hydrogen, alkyl, aralkyl or aryl;

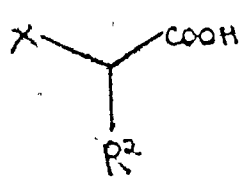
P^1 and P^2 independently represent hydrogen or an amino-protecting group or, taken together, represent phthaloyl;

X represents halogen; and

R^2 represents substituted or unsubstituted alkyl, aralkyl or aryl.

which comprises,

(a) reacting an α-haloacetic acid of the general formula (2)



wherein,

R^2 and X is as defined above;

or an acceptable salt of said α-haloacetic acid, with a base, such as herein described, in an organic solvent such as herein described at a temperature of from —70°C to 40°C, for 10 minutes to 20 hours, with the amount of said base being 2-6 molar equivalents, based on the α-haloacetic acid in case the said acceptable salt is formed in situ or with the amount of said base being 1-3 molar equivalents based on the α-haloacetic acid in case said acceptable salt is formed beforehand to produce a metal enolate.

(b) reacting metal enolate produced in step (a) with a carboxylic acid derivative of general formula (1)

R^1COA ....(1)

or an ester of the general formula (4)

$R^1CO_2R^3$ ....(4)

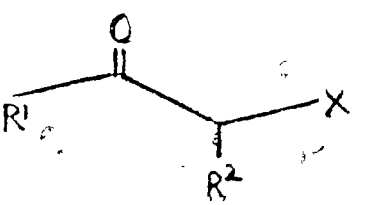
wherein,

R^1 is as defined above;

a represents alkoxyl, alkoxycarbonyl, a group which forms metal salt of carboxylic acid or halogen and

R^3 represents as substituted or unsubstituted, alkyl, aralkyl or aryl,

at a temperature of from —70°C to 40°C for 10 minutes to 20 hours wherein the proportion of said α-haloacetic acid or said acceptable salt thereof to said carboxylic acid derivative or said ester being 1-4 equivalents and letting the reaction product undergo decarboxylation in situ to produce an α-haloketone of the general formula (3)



wherein R^1, R^2 and X are as defined above,

(c) subjecting said α-haloketone produced in step (b) to reduction with a reducing agent, such as herein described, in a solvent, such as herein described, at a temperature of from —10°C to 40°C for 10 to 120 minutes wherein the amount of said reducing agent being 1-10 molar equivalents based on α-haloketone to produce said α-halohydrin of the general formula (11)

Compl. Specn. 41 Pages; Drgns. 18 Sheet.

Ind. Cl. : 32 C 184530

Int. Cl.[6] : C 07 179/00.

A PROCESS FOR PREPARING A NOVEL POLYMER POSSESSING ONE OR MORE PEROXIDE-CONTAINING RECURRING UNITS.

Applicant : ELF ATOCHEM NORTH AMERICA INC. OF 2000 MARKET STREET, PHILADELPHIA, PENNSYLVANIA 19103-3222, UNITED STATES OF AMERICA.

Inventors :
1. JOSE SANCHEZ
2. LEONARD HENRY PALYS.
3. DARYL LEE STEIN
4. JOHN SALVATORE YORMICK.

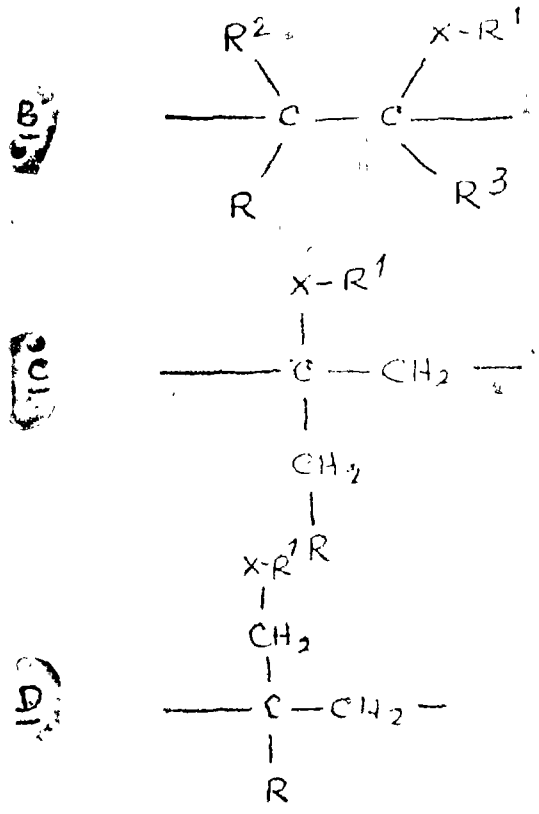
Application No. 1359/Cal/98 filed on 31-7-1998.

Divided out of No. 903/Cal/94 ante-dated to 31-10-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

1 Claim

A process for preparing a novel peroxy polymer possessing one or more peroxide-containing recurring units selected from structures B, C, or D :



which comprises heating at a temperature as herin described, one or more peroxides such as herein described in the presence of absence of one or more other free-radical polymerizable ethylenically unsaturated monomers in the presence of an amount effective such as herein described for initiating free-radical reactions of a lower temperature conventional free-radical initiator for a time sufficient to at least partially decompose said lower temperature conventional initiator.

Compl. Specn. 62 Pages; Drgns. Nil.

Ind. Cl. : 152 E+F 184531

Int. Cl. : B 32 B-27/32
C 08 L-23/10

A METHOD OF PREPARING A WRITABLE AND/OR OFF-SET PRINTABLE BOPP FILM HAVING SILKY FINISH AND THE FILM PRODUCED BY THE METHOD.

Applicants : GUJARAT PROPACK LIMITED, PLOT NO. 359-B, BASKA VILLAGE, HALOL DISTRICT, PANCHMAHALS GUJARAT, INDIA.

Inventors :
(1) VITTALA DEVINI BALAJI
(2) B. H. PATEL.

Application No. 122/Bom/95 filed on 21-3-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

23 Claims

A method of preparing a writable and/or off-set printable BOPP film having silky finish, said method comprising :

(a) forming a base layer of basically polypropylene, co and/or terpolymers of polypropylene and fillers of the kind such as herein described, and a skin layer including alpha olefins, polypropylene and fillers by coextruding through a die ;

(b) casting of the co-extruded layers in a manner known per se ; and

(c) subjecting the thus obtained product of step (b) to biaxial orientation and thereby obtaining the film.

Compl. Specn. 24 pages ; Drgs. Nil

Ind. Cl. : 136 E 184532

Int. Cl. : B 29 C-47/04, 55/12
B 29 D-9/00

WRITABLE AND/OR OFF-SET PRINTABLE FILM, A METHOD FOR PREPARING THE FILM AND AN APPARATUS FOR PRODUCING THE FILM.

Applicants : GUJARAT PROPACK LIMITED, PLOT NO. 359-B, BASKA VILLAGE, HALOL DISTRICT, PANCHMAHALS GUJARAT, INDIA.

Inventors :
(1) VITTALA DEVINI BALAJI
(2) B. H. PATEL.

Application No. 123/Bom/95 filed on 21-3-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

39 Claims

A method for preparing a biaxially oriented polypropylene (BOPP) writable and/or off-set printable film, said method comprising :

(a) Extruding a base layer of polypropylene, co and/or terpolymer of polypropylene, ethyl vinyl acetate, fillers and aditives of the kind such as herein described, at a temperature of 175—260°C;

(b) Casting of the above extruded base layer in a manner known per se ;

(c) Machine direction orientation of the casted base layer ;

(d) Extruding at least one skin layer on the machine direction oriented layer ;

(e) Laminating the base and skin layers ;

(f) Pre-heating the laminated layer ; and

(g) Transvers direction orientation of the laminated film to produce the required film.

Compl. Specn. 31 pages ; Drg. 1 sheet

Ind. Cl. : 39 P+L+O+N Gr. (III) & 201 C Gr. [II(4)] 184533

Int. Cl. : C 02 F-1/00, 1/58

A PROCESS FOR TREATING EFFLUENT/WASTE WATER CONTAINING COPPER, IRON AND ALUMINIUM SALTS FOR RECOVERING COMMERCIALLY USABLE COMPOUNDS THEREFROM.

Applicants : LONA INDUSTRIES LIMITED OF ALTA BHAVAN, 532 SENAPATI BAPAT MARG, DADAR, MUMBAI-400 028, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventor : NANDKUMAR PANDHARINATHRAO MANATHKAR.

Patent Application No. 232/Bom/95 filed on 22-05-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

2 Claims

1. A process for treating effluent/waste water, typically from a green pigment plant, containing copper, sodium, iron and aluminium salts for recovery of commercially usable compounds therefrom comprising :—

(i) determining the concentration of dissolved copper salts by known methods such as atomic absorption, mass spectrography or chemical analysis ;

(ii) removal and recovery of copper salts by using a suitable chelating ion exchange resin in amounts based on the concentration of dissolved copper salts ;

(iii) removal of sodium salts from the copper free effluent by treating the effluent with caustic lye to precipitate aluminium hydroxide gel and repeated washing of the gel to make it sodium chloride free ;

(iv) removal and separation of iron salts from the copper and sodium free aluminium hydroxide gel by further treating the gel with caustic lye digestion and filteration to remove the precipitated iron salts ; and

(v) recovery of the aluminium salts in the filtrate.

Compl. Specn. 16 pages; Drgns. 1 sheet

Ind. Cl. : 14 A_2 184534

Int. Cl. : H 01 M-10/10, 4/14

AN IMPROVED RECHARGEABLE LEAD ACID CELL.

Applicants : MINTAGE CONSULTANTS PVT. LTD., OF A-32 NAND BHUVAN INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI-400093, MAHARASHTRA, INDIA.

Inventor : SESHADRI SATHYANARAYANA.

Application No. 240/Bom/95 filed on 26-5-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

3 Claims

An improved rechargeable lead acid cell wherein a cylindrical plastic container houses a positive electrode bent in the form of either the letter "e" or "s" positioned concentrically within a negative electrode bent in the form of the letter "o" after successively enclosing the positive electrode with a layer of glass wool mat, a plastic ribbed spacer and applying a thixotropic gel formed by dispersing micro fined silica powder and inert fibres in sulphuric acid and firmly bonding with a plastic cover provided with a pressure release valve, the posts on the positive and negative electrodes being taken out through sealing rubber bushes provided in the container and cover respectively, the rubber relief valve provided in the cover being retained by a metallic plate also serving as the negative terminal and the end of the post on the positive electrode also being provided with a metallic terminal.

Compl. Specn. 9 pages ; Drgs. 1 sheet

Ind. Cl. : 134 [LII(1)] 184535

Int. Cl. : B 62 M-15/00

TWO OR THREE WHEELED AUTOMOBILE VEHICLE WITH ALTERNATOR GENERATOR SET.

Applicants : AJINKYA NAIK, A2/23, RAMBAG COLONY NAVI PETH, PUNE-411030, MAHARASHTRA, INDIA.

Inventor : AJINKYA NAIK.

Application No. 267/Bom/95 filed on 15-6-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

1 Claim

Two or three wheeled automobile vehicle with alternator generating set comprising a transmission gear box driven by the internal combustion engine and an alternator generator coupled to said gear box through an additional idler gear provided there in such a way that in neutral position of said gear box the engine motive power is connextable to said alternator generator set.

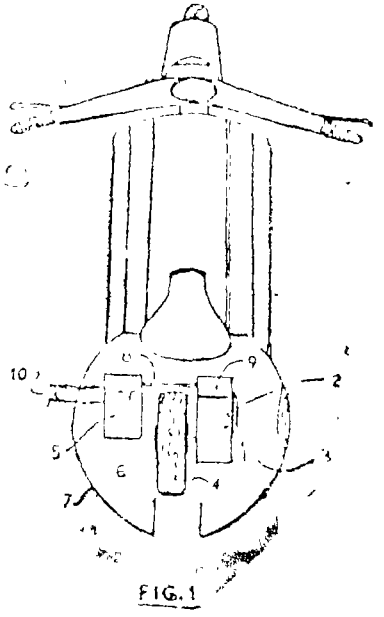


FIG. 1

Compl. Specn. 3 pages ; Drgs. 1 sheet

Ind. Cl. : 170 B 184536

Int. Cl. : C 11 D 3/37, 3/382 & 3/384

DETERGENT COMPOSITION.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :

(1) MARGARET JOBLING.
(2) SHIJI SHEN.
(3) LIANG SHENG TSAUR.
(4) AILSA PAULINE HILARY.

Application No. 326/Bom/95 filed on 19-7-95.

Great Britain Prioprity date 19th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

9 Claims

An aqueous liquid cleansing and moisturising composition comprising :

(a) a surface active agent selected from anionic, nonionic, zwitterionic and cationic surface active agents, soap and mixtures, thereof;

(b) a benefit agent such as herein described having a weight average particle size in the range of 50 to 500 microns; and

(c) a thickening agent such as herein described.

wherein the thickening agent is added to the benefit agent in amount from 1 to 50% wt, based on the benefit agent.

Compl. Specn. 23 Pages; Drgn. Nil.

Ind. Cl. : 170 D 184537

Int. Cl. : C 11 D - 9/26, 9/18

AN AQUEOUS LIQUID CLEANSING AND MOISTURISING COMPOSITION.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : MAY SHANA'A.

Application No. 327/Bom/95 filed on 19-07-95.

U. K. Priority date : 19-7-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

6 Claims

An aqueous liquid cleansing and moisturising composition comprising :—

(a) from 5 to 35% by weight of a C_8 to C_{22} fatty acid;

(b) from 0 to 10% by weight of a surface active agent as hereinbefore described;

(c) a benefit agent such as herein defined having a weight average particle size in the range of 15 to 500 microns; and

(d) a structurant selected from the group consisting of materials which cause the composition to adopt the lamellar phase; materials which structure the continuous liquid; phase; and mixture thereof;

the composition being substantially free of insoluble solid fatty acid and fatty acid soaps.

Compl. Specn. 21 Pages; Drgn. Nil.

Ind. Cl. : 189 184538

Int. Cl. : A 61 K 7/13

A PROCESS FOR THE PREPARING A HAIR DYE FROM EMBICA OCCICIANALIS (AMLA).

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :

(1) MAYARA EASWARAN.

(2) NARAYANAN NAMBUDIRY.

(3) ATUL DATTATRAY DESHPANDE.

Application No. 346/Bom/95 filed August 3, 1995.

Complete after provisional left August 1, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patents Office Branch, Mumbai-400 013.

6 Claims

A process for preparing a hair dye from Emblica officianalis (amla) comprising in the steps of : subjecting Emblica officianalis to the step of extraction in the presence of a solvent such as herein described and mixing the extract thus obtained with soluble ferric salt such as herein described in situ, the ratio of the amla extract to ferric salt is in the range of 1 : 0. 1-2.

Compl. Specn. 19 Pages; Drgns. 4 Sheets.
Provl. Specn. 16 Pages; Drgns. 4 Sheets.

Ind. Cl. : 40 B 184539

Int. Cl. : C 07 C - 39/06

A PROCESS FOR THE PREPARATION OF AN ION EXCHANGE RESIN CATALYST.

Applicants & Inventors : V. C. MALSHE, E. S. SUJATHA, C/O. UNIVERSITY OF BOMBAY, PLASTICS, PAINTS & VARNISH (PPV) SECTION, UDCT, MATUNGA, MUMBAI-400 019, INDIA, & A. K. KOLAH, C/O. UNIVERSITY OF BOMBAY, CHEMICAL ENGINEERING SECTION, UDCT, MATUNGA, MUMBAI-400 019, INDIA, ALL INDIAN CITIZENS.

Application No. 348/Bom/95 filed August 7, 1995.

Complete after provisional left on Nov. 4, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patents Office Branch, Mumbai-400 013.

5 Claims

A process for the preparation of an ion exchange resin catalyst which has up to 40% of the pore volume ion exchange resin catalyst deposited on an inert support chosen from porous minerals, silica gel, pumice stone, activated carbon, activated or calcined alumina or any other natural or synthetic substrate which does not take part in reactions of polymerisation, sulfonation and is substantially insoluble in water, organic solvents, other chemical agents, comprising the reaction steps of depositing divinyl benzene of commercial origin with a concentration ranging from 0.1-100% with or without added styrene or its substituted derivatives alongwith a polymerisation initiator; diluting the mixture with a volatile solvent; depositing the solution on a porous catalyst support; polymerizing the deposited layer, extracting soluble portions of deposited polymer, sulphonating the polymer by conventional methods; washing the sulphonated catalyst serially with reducing concentration of sulfonation mixture; washing the product with demineralized water; and finally drying it.

Compl. Specn. 12 Pages; Drgns. Nil.

Ind. Cl. : 39 O, 40 B

Int. Cl. : C 01 B 33/18

A PROCESS FOR PRODUCING FAUJASITIC ZEOLITES

Applicant : HINDUSTAN LEVER LIMITED, 165 166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :
(1) PRASHANT MICKY PURI.
(2) AYODHYANATH BHAT.

Application No. 357/Bom/95 filed August 14, 1995.

Complete after provisional left November 13, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patents Office Branch, Mumbai-400 013.

27 Claims

A process for producing faujasitic zeolite with high silica/alumina ratio (SAR) by direct hydrothermal synthesis comprising the steps of :

(i) reacting sodium silicate with sodium aluminate in water wherein the sodium aluminate used is 150 to 200% by wt of silicate;

(ii) adding sources such as alum in amount of 70 to 120% of sodium silicate;

(iii) adding crystal growth modifier (inhibitor);

(iv) adding seeds such as herein described to achieve atleast 100% crystalinity;

(v) further adding crystal growth modifiers (inhibitor), said crystal growth modifiers thus added before and after the said seed addition being in amount of 0.005 by 5% by wt; and

(vi) maintaining elevated temperature for a time sufficient to provide the said faujasitic zeolite.

Compl. Specn. 20 Pages; Drgn. 1 Sheet.

Provl. Specn 12 Pages; Drgn. Nil.

Ind. Cl. : 155 F 184541

Int. Cl.[1] : B 27 K 5/02; D 21 C 9/10

A MICROBIAL ENZYME PROCESS FOR PRETREATING WOOD AND BAGASSE PULPS (PRIOR TO CARRYING OUT THE CONVENTIONAL BLEACHING PROCESS IN RESPECT THEREOF) FOR ACHIEVING ELEMENTAL CHLORINE FREE BLEACH SEQUENCE AND FOR OBTAINING PULPS OF INCREASED BRIGHTNESS AND BRIGHTNESS STABILITY.

Applicant : ESVIN ADVANCED TECHNOLOGIES LIMITED, ESVIN HOUSE, PERUNGUDI, CHENNAI-600 096, TAMILNADU, INDIA. A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors :
(1) TIPPRAMADEVI SAMBAMURTHY VENKATARAMAN.
(2) DR. SIVASWAMY NARENDER SIVASWAMY.
(3) THANTHONI RAMANATHAN.

Application No. 450/Mas/94 filed on 30 May, 1994

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

A microbial enzyme process for pretreating wood and bagasse pulps (prior to carrying out the conventional bleaching process in respect thereof) for achieving elemental chlorine-free bleach sequence and for obtaining pulps of increased brightness and brightness stability, comprising the steps of selecting microorganism Aspergillus niger from the fungus group Hypomycetes isolated (in the known way) from marine sources, and capable of producing a plurality of lignin degrading enzymes such as laccase, polyphenol oxidase, tyrosinase and peroxidases; inoculating a growth medium composed of carbon/nitrogen sources with the said microorganism incubating the same at ambient temperature, separating the mycelial mat and treating the said pulp with the culture filtrate containing the said extracellular enzyme(s) at temperature 25-60 deg C and ph 5-10 over a period of 30-60 minutes, before further bleaching of the said pulp in the known way.

Compl. Specn. 19 Pages; Drgns. Sheet.

Ind. Cl. : 32 F 2 C 184542

Int. Cl.[1] : C 07 C 126/00

A PROCESS FOR PRODUCING SOLID UREA IN A UREA PRODUCTION PLANT.

Applicant : SNAMPROGETTI S.P.A., A COMPANY ORGANIZED UNDER THE LAWS OF THE ITALIAN REPUBLIC OF VIALE DE CASPERI 16-SAN DONATO MILANESE (MILAN, ITALY).

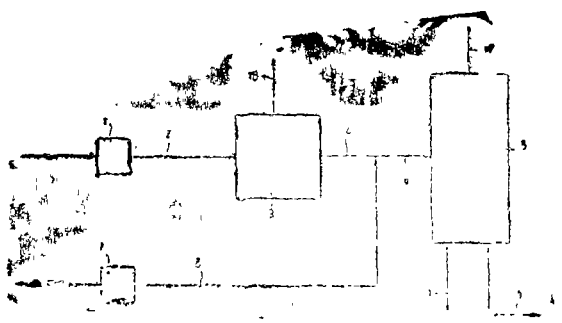
Inventors :
(1) FRANCO GRANELLI.
(2) ANGELO CORCHIA.

Application No. 481/Mas/94 filed on 07th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A process for producing solid urea in a urea production plant comprising concentrating an aqueous urea solution into a vacuum concentration section to obtain an aqueous urea-solution concentrated to 96.0 - 99.8% by weight, still containing ammonia, transferring said concentrated solution to a solidification section and bringing it into contact with an air stream, whereby a substantially pure solid urea is obtained and a gaseous effluent with an ammonia content of below 8 mg/Nm^3, characterised in that an inorganic acid such as herein described is added to said urea solution before it enters said solidification section, in an amount sufficient to neutralise the contained ammonia.



Compl. Specn 15 Pages; Drgns. 1 Sheets.

Ind. Cl. : 57 D 184543

Int. Cl.[1] : E 05 B 47/00

A HANDLE OPERABLE DOOR CLOSURE.

Applicant : BRUCE SAMUEL SEDLEY, 30 BROADWAY, FIFTH FLOOR FLAT C, MEI FOO SUN CHUEN, HONG KONG. A US CITIZEN.

Inventor : 1. BRUCE SAMUEL SEDLEY.

Application No. 610/Mas/94 filed on 8th July, 1994.

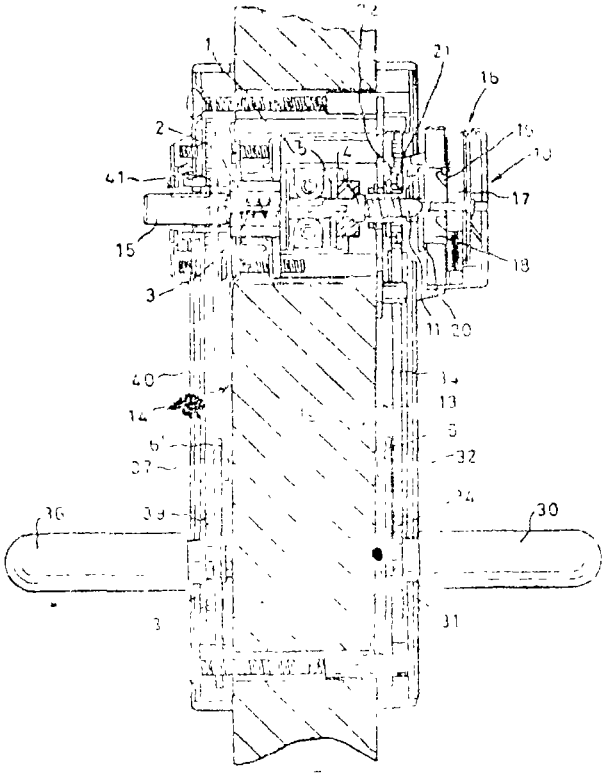
Convention No. 9314326.1 on 9th July, 1993 in GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A handle operable door closure having a magnetic code lock cylinder (10) for coupling to a spindle which muse be rotated to retract a door latch, the spindle (2) being arranged to extend into the door (12) with its rotational axis generally at right angles to the major surfaces (13, 14) of the door, a face plate (32) arranged to be fixed to one of the major surfaces and to support a handle (30) having a handle shaft (31) at one end rotatable about an axis laterally displaced from and parallel to the axis of the spindle, having a surface mounted gear mechanism (22, 33, 34) for connecting and rotating the spindle (2) and the handle shaft (31) together.

Agent : M/s. Depenning & Depenning.



Compl. Specn. 21 Pages; Drgns. 9 Sheets.

Ind. Cl. : 172 A 184544

Int. Cl.[4] : B 65 H 75/02

A CENTRE MADE FROM INJECTION-MOULDED PLASTIC FOR FORMING SPOOLS OF YARN.

Applicant : ROMAGNOLI TIZIANO, AN ITALIAN CITIZEN, OF VIA MACHIAVELLI NO. 40, 50047 PRATO, ITALY.

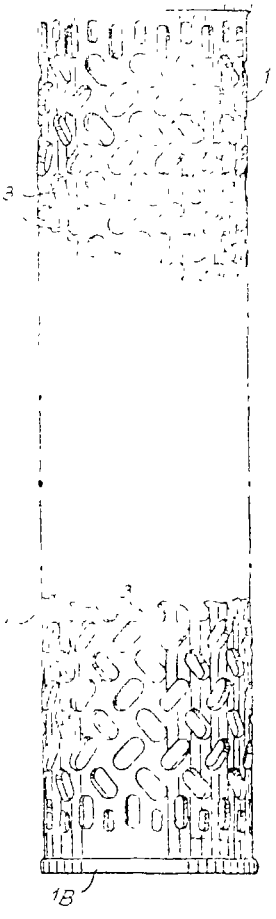
Inventor : 1. ROMAGNOLI TIZIANO.

Application No. 726/Mas/94 filed on 03 August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A centre made from injection-moulded plastic for forming spools of yarn wound about it in turns for processes such as dyeing in particular and for subsequent distribution of the yarn, whose dimensions can be reduced by mechanical pressure, said centre having on its cylindrical wall, rows of elongate slots such that the longitudinal edges of at least some of the slots can approach each other in the middle, characterized in that in the rows of elongate slots, the slots are arranged alternately at least two angles, in such a way that as a consequence of the centre's being axially compressed the longitudinal edges of at least some of the slots approach each other in the middle, bringing about a reduction in the axial dimension and a reduction in the transverse section of the centre.



Compl. Specn. 13 Pages; Drgns. 2 Sheets.

Ind. Cl. : 162 184545

Int. Cl.[4] : D 07 B 1/16

A SOLID POLYMERIC CORE FOR WIRE ROPE, A METHOD AND AN APPARATUS FOR MAKING THE CORE.

Applicant : BRIDON PLC, CARR HILL, DONCASTER, SOUTH YORKSHIRE, DN4 8DG, ENGLAND, UNITED KINGDOM. (A BRITISH COMPANY).

Inventor : 1. WALTON, JOHN MAWSON.

Application No. 730/Mas/94 filed on 3rd August, 1994.

Convention No. 9316190.9 on 4th August, 1993 in UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A solid polymeric core for wire rope, the core having a plurality of concave grooves, each extending continuously in a direction along the core, the grooves being equally spaced around the axis of the core, the core consisting of a body of

polymeric material formed by elongation & cross-sectional deformation in the solid state, the polymeric material having an orientated structure which is orientated substantially in the same direction as the grooves.

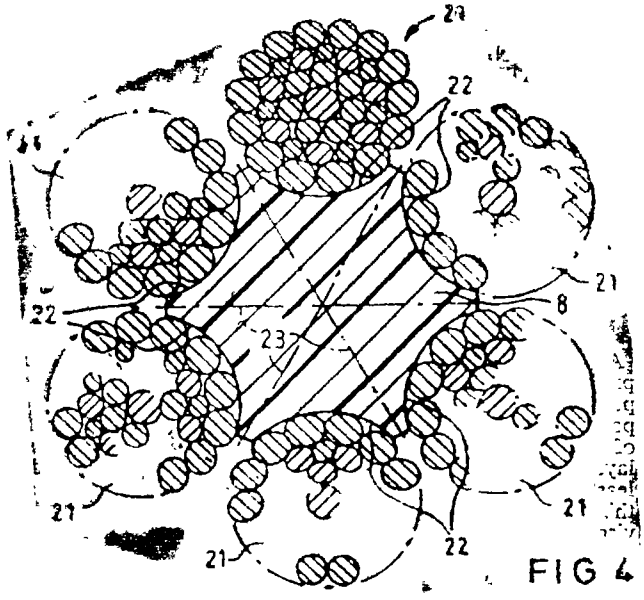


FIG 4

Compl. Specn. 24 Pages; Drgns. 4 Sheets.

Ind. Cl. : 39 E 184546

Int. Cl.[4] : C 01 B 3/26

A PROCESS FOR CATALYTICAL STEAM REFORMING OF A NITROGEN CONTAINING CARBONACEOUS FEEDSTOCK.

Applicant : HALDOR TOPSOE A/S, NYMOLLEVEJ 55, DK-2800 LYNGBY, DENMARK; A DANISH COMPANY.

Inventors :
(1) JENS-HENRIK BAK HANSEN.
(2) LEIF STORGAARD.
(2) POUL ERIK JENSEN.

Application No. 759/Mas/94 filed on 10 August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A process for catalytical steam reforming of a nitrogen containing carbonaceous feedstock such as hereinabove described with reduced formation of ammonia, said process comprising contacting the feedstock with a supported nickel catalyst containing copper in an amount of 0.1 to 10% by weight based on the amount of nickel in the catalyst.

Compl. Specn. 10 Pages; Drgns. Sheets.

Ind. Cl. : 197 184547

Int. Cl.[4] : B 08 B 3/00

A COMPONENT CLEANING EQUIPMENT.

Applicant : MHITRAA ENGINEERING EQUIPMENT (P) LTD., AN INDIAN COMPANY, FLAT 4/2 FIRST FLOOR, GVK BUILDING, NO. 33, 10TH AVENUE, ASHOK NAGAR, CHENNAI-600 083, TAMIL NADU.

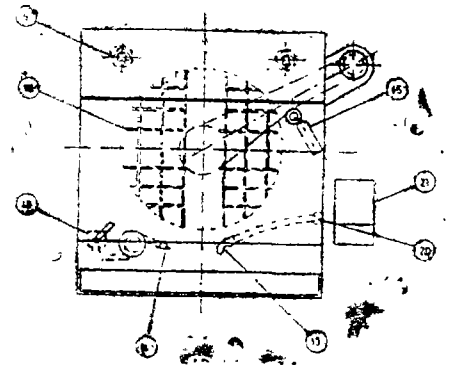
Inventors :
1. SESADRI KRISHNASWAMY.
2. KASTHURI RANGAN THIRUMALAI.

Application No. 777/Mas/94 filed on 16th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A component cleaning equipment comprising a solvent tank (3) and a cleaning chamber (2) supported on a frame (1), a front folding door (4) for the cleaning chamber (1), a sedimentation tray (5) located below the cleaning chamber (2), filter means (6) and a magnet (7) provided in the path of recycling solvent after cleaning, to remove metalic and non-metalic particles, a motor and pump assembly (10) provided for pumping the solvent from the solvent tank (3) to the cleaning chamber (2), spraying means being provided in the cleaning chamber (2) for spraying the cleaning solvent pumped from the solvent tank (3) and an air gun (13) disposed in the cleaning chamber (2) for air drying the cleaned components.



Compl. Specn. 10 Pages; Drgns. 3 Sheets.

Ind. Cl. : 160 B, 15 B 184548

Int. Cl.[4] : B 60 D 1/00

A DEVICE FOR PREVENTION OF TWISTING OF LOAD CELL WHILE TOWING A VEHICLE.

Applicant : BRAKES INDIA LIMITED, AN INDIAN COMPANY OF PADI, MADRAS-600 050.

Inventors :
(1) VTVS. RAMACHANDRA RAO.
(2) R. SIVA PRATAP REDDY.

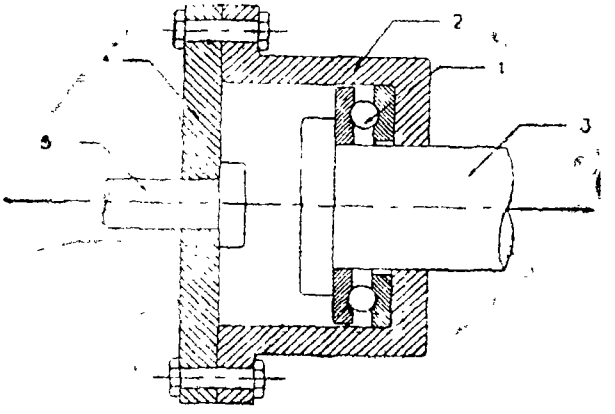
Application No. 804/Mas/94 filed on 25 August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

A device for prevention of twisting of load cell while towing a vehicle comprising a bearing housing (2), a ball bearing (1) wherein the ball bearing (1) permits a rotary motion between the bearing housing (2) and shaft (3) the bearing housing (2) being connected to a circular plate (4) by means of bolts and nuts wherein the said circular plate (4) has provision for fastening to the pulling member (5) which

is connected to load cell while the shaft (3) and the load cell are connected to the chains which in turn are connected to the vehicles by fastening members.



Compl. Specn. 5 Pages; Drgns. 1 Sheet

Ind. Cl. : 119 C 184549

Int. Cl.[4] : D 03 J 1/14

HEALD-SEPARATING APPARATUS FOR WARP-THREAD DRAWING-IN MACHINES.

Applicant : STAUBLI AG PFAFFIKON, A SWISS COMPANY, OF POSTSTRASSE 5, 8808 PFAFFIKON, SWITZERLAND.

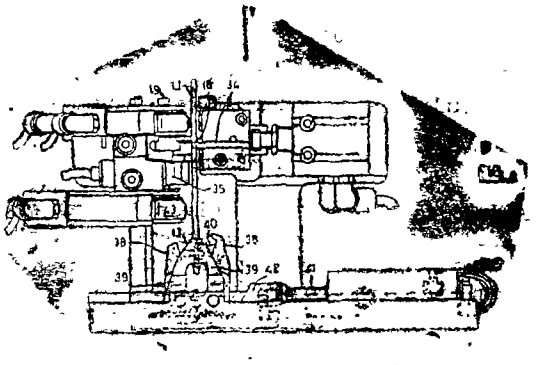
Inventors : (1) JANOS MAGDIKA.

Application No. 821/Mas/94 filed on 26th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

Heald-separating apparatus for warp-thread drawing-in machines, comprising a carrier rail for the storage of a stack of healds, a dividing-off member for pushing a foremost heald in the stack laterally out of the stack into an intermediate position, first transfer means for transporting the healds from the intermediate position in the direction of a heald carrier which is adapted to transport the healds to a drawing-in position, a lock having a first clamp for clamping the carrier rail in a region between the intermediate position and the heald carrier, and an operating device operatively associated with said lock to briefly open the lock and permit a separated heald to be transported past the lock to the heald carrier.



Compl. Specn. 21 Pages; Drgns. 6 Sheets.

Ind. Cl. : 136 E 184550

Int. Cl.[4] : B 29 C 47/04; B 29 D 9/00

A MULTILAYER COEXTRUDED PLASTIC CONTAINER AND A METHOD OF FORMING THE SAME.

Applicant : OWENS-ILLINOIS PLASTIC PRODUCTS INC., OF ONE SEAGATE, TOLEDO, OHIO-43666, USA, A CORPORATION OF THE STATE OF DELAWARE, USA

Inventors :

(1) DUANE H. MOORE

(2) RICHARD W. M. RITTER, JR.

Application No. 863/Mas/94 filed on 6 Sept. 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A multilayer coextruded plastic container having walls comprsing a thin outer plastic layer (A, A') of virgin ethylene polymer, at least one relatively thick inner layer (C, C') of post consumer resin which layer contributes the major portion of the container wall; and a thin intermediate opaque plastic layer (B, B') masking said post consumer resin of said at least one relatively thick inner layer (C, C') wherein said thin outer plastic layer (A' A') is a fusion blend of said virgin ethylene polymer and an appearance enhancing additive and said thin intermediate opaque plastic layer (B, B') is a fusion blend of post consumer resin and colorants.

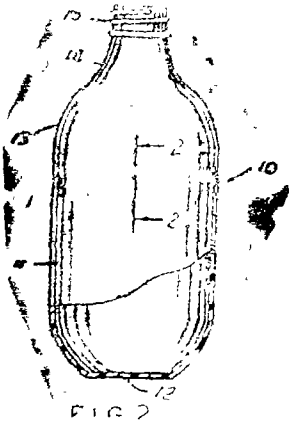
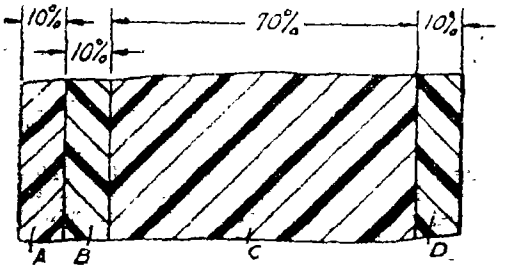


FIG 2



Compl. Specn. 20 Pages; Drgns. 2 Sheets.

OPPOSITION PROCEEDINGS

SECTION 25

An opposition entered by M/s. Bharat Heavy Electricals Limited, Hyderabad to the grant of a patent to the application No. 182510 (133/Cal/95) has been dismissed.

RENEWAL FEES PAID

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PATENT SEALED ON 04 - 08 - 2000.

181753 181886 182254 182949*F 183163 183363 183510
183521 183522* 183525 183526 183527 183529 183530
183535 183538* 183539*D 183541 183544*

CAL-16, DEL-NIL, MUM-02, CHEN-01.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F-Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in section 50 of the Design Act, 1911.

The date shown in the each entries is the date of registration included in the entries :

Class 1. No. 181282. Scooters India Limited, a Govt. of India enterprise of Post Bag No. 23, Sarojini Nagar, Lucknow-226008, India. "Auto Scooter". Jan. 11, 2000.

Class 1. No. 181727. Larsen & Toubro Ltd. of L & T House, Ballard Estate, Mumbai-400048, Maharashtra, India, Indian Company. "Auxiliary Contact Block for Contractor". Feb. 23, 2000.

Class 1. No. 181735. Larsen & Toubro Ltd. "Mechanical Interlock for Electrical Switch". February 23, 2000.

Class 3. 181476. Ellora Time Private Limited of Orpat Industrial Estate, Rajkot Highway, Morbi-363641, Gujarat, India, Indian Company. "Time Piece". Jan. 28, 2000.

Class 3. No. 181654. M. K. Electric (India) Ltd. of "Crescendo", 995-B, Second Avenue, Anna Nagar, Chennai-600040, T. N., India, Indian Co. "Module Support system to support a front plate for modular electrical accessories (8-module)". February 18, 2000.

Class 3. No. 181734 & 181736. Larsen & Toubro Ltd. of L&T House, Ballard Estate, Mumbai-400048, Maharashtra, India, Indian Co. "Motor starter". February 23, 2000.

Class 11. No. 180774. James B Marshall an American of 137, Victoria Avenue, Remuera, Auckland, New Zealand. "Sock". November 12, 1999.

Class 11 Nos. 181278 & 181279. Blossom Kitchenware Pvt. Ltd. of B-505, Jankalyan Apartment, Near Astrom Cinema, Rajkot-360001, Gujarat, Indian Pvt. Ltd. Co. "Stove". January 11, 2000.

Class 13. Nos. 181581 to 181584 Ritika Limited, Indian Company of 138, Beliaghata Road, Calcutta-700015, W.B., India. "Textile Fabric" February 14, 2000.

Class 13. Nos. 181585 to 181587. Ritika Limited, Indian Company of 138, Beliaghata Road, Calcutta-700015, W. B., India. "Dress Material" February 14, 2000.

H. D. THAKUR
Controller General of Patents Designs & Trade Marks

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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2000